

ABSTRACT

This present invention relates to an axial-flow fan including a central hub connected with a driving shaft of a motor, and a plurality of blades extending radially along the circumference of the hub for blowing air toward an axial direction, the plurality of blades integrated with the hub into a single body, wherein assuming that a camber ratio at a blade root($cr1$) of each blade is the value obtained by dividing a maximum camber value at the blade root into a chord length, a camber ratio at a blade tip($cr2$) of each blade is the value obtained by dividing a maximum camber value at the blade tip into the chord length, and a percentage of decrease of the camber ratio is the value obtained by dividing a difference value between the camber ratio at the blade root($cr1$) and the camber ratio at the blade tip($cr2$) into the camber ratio at the blade root($cr1$), the percentage of decrease of the camber ratio is in a range between 33% and 85%.